# Mountain Weather Forecast

## Peak District National Park

Forecast valid from 06:00 on Tuesday 04 Oct 2022 until 23:59 on Wednesday 05 Oct 2022

Forecast Issued on Tuesday 04 Oct 2022 at 04:09

**Confidence:** High for general developments. Medium for cloud details.

**Headline for Tuesday 04 Oct 2022:** Cloudy and windy with outbreaks of rain.

**Mountain weather hazards on Tuesday 04 Oct 2022**

| | | |
|---|---|---|
| **Blizzards**<br>No Likelihood | **Heavy persistent snow**<br>No Likelihood | **Storm force winds**<br>No Likelihood |
| **Gales**<br>Low Likelihood | **Severe chill effect**<br>Low Likelihood | **Poor visibility**<br>Medium Likelihood |
| **Thunderstorms**<br>No Likelihood | **Heavy persistent rain**<br>Low Likelihood | **Strong sunlight**<br>No Likelihood |

| **Weather and chance of precipitation at 600m** | | | | | |
|---|---|---|---|---|---|
| Time | | | | | |
| 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 |
| | | | | | |
| Cloudy | Light rain | Heavy Rain | Heavy Rain | Heavy Rain | Light rain |
| Precipitation probability | | | | | |
| 10% | 60% | 60% | 50% | 50% | 70% |

**Forecast for Tuesday 04 Oct 2022**

**Weather:** Cloud thickening and lowering, with patchy rain developing into daylight hours. Cloudy and overcast for much of the day with outbreaks of rain, occasionally heavy.

**Chance of cloud-free hill tops above 600m:** 70% falling 30% in the afternoon.

**Low cloud and visibility:** Extensive cloud, base 600m, lowering 300m at times. Visibility moderate or poor in rain, occasionally very poor over the higher tops.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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# Mountain Weather Forecast

**Forecast for Tuesday 04 Oct 2022**

| Height (m) | Wind Speed mean/gusts (mph) Wind Direction (blowing from) | | | | | | |
|---|---|---|---|---|---|---|---|
| | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 28/37 SW | 26/32 SW | 24/32 SW | 26/35 SW | 22/31 SW | 24/33 SW | 28/39 S |
| **300** | 18/27 S | 21/28 S | 20/29 SW | 21/30 SW | 18/29 SW | 20/30 S | 22/33 S |
| **Valley** | 8/24 S | 11/25 S | 11/26 SW | 13/28 SW | 12/26 SW | 12/27 S | 14/32 S |

| Height (m) | Temperature / Feels Like (°C) | | | | | | |
|---|---|---|---|---|---|---|---|
| | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 11/6 | 11/7 | 12/8 | 12/8 | 12/8 | 12/8 | 12/8 |
| **300** | 13/10 | 13/10 | 14/10 | 14/11 | 14/11 | 14/11 | 14/10 |
| **Valley** | 13/11 | 14/12 | 14/12 | 14/12 | 14/12 | 14/12 | 14/12 |
| **Freezing Level*** | 2500m | 2600m | 3400m | 3300m | 3200m | 3200m | 3300m |

**Level above which ground is expected to be frozen/snow is expected to settle.*

**Meteorologist's View**

A poor afternoon expected, but uncertainty about how heavy and persistent the rain will be.

**Recent rainfall:** measured at Cat & Fiddle: altitude 511m

| Recorded at | Last 24 hours: | Last 48 hours: | Last 72 hours: |
|---|---|---|---|
| 02:00 on Tue 04 Oct 2022 | 0.2mm | 1.4mm | 2mm |

**Forecast for Wednesday 05 Oct 2022**

**Weather:** Heavy overnight rain and gales. This clearing to bright spells and scattered blustery showers during the morning, these possibly heavy. Gales possible with buffeting and significant wind chill.

**Maximum wind:** South or Southwest 40mph, gusts 60mph at first, easing slightly during the day, gusts typically around 50mph in showers during the afternoon. Some buffeting and significant wind chill.

**Chance of cloud-free hill tops above 600m:** 20% becoming 90% by afternoon.

**Low cloud and visibility:** Extensive, base 300 to 600m, lifting and breaking above the summits by midday. Lowering in showers. Visibility moderate or poor, and very poor at height, becoming mostly very good in the afternoon, except in showers.

**Temperature:** **Valleys:** Plus 10 Celsius rising to 16 Celsius
**At 600m:** Plus 11 Celsius, falling to 6 Celsius later
**Freezing level:** Above the summits.

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